DIAGNOSIS AND TREATMENT OF CANCER USING MAMMALIAN PELLINO POLYPEPTIDES AND POLYNUCLEOTIDES

ABSTRACT OF THE DISCLOSURE

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The present invention provides methods, reagents, and kits for diagnosing and treating cancer in a mammal, *e.g.*, a human. This invention is based upon the discovery that Pellino 1 or 2 is overexpressed and/or amplified in cancer. Methods to detect cancer or a propensity to develop cancer, to monitor the efficacy of a cancer treatment, and to treat

10 cancer, by inhibiting the expression and/or activity of Pellino 1 or 2 in a cancer cell are included.

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